

# Converting Colors

Yxy(54.7492, 0.3152, 0.2769)

Have a look what the booklet for  
Yxy(54.7492, 0.3152, 0.2769)  
contains.

<b>Yxy(54.7379, 0.3152, 0.2768)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(54.7379, 0.3152, 0.2768)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4B4E4
RGB	228, 180, 228
RGB Percent	89%, 71%, 89%
CMY	0.1057, 0.2942, 0.1059
CMYK	0.00, 0.21, 0.00, 0.11
HSL	300°, 47%, 80%
HSV	300°, 21%, 89%
XYZ	62.3316, 54.7379, 80.6830
YIQ	199.8240, 13.2000, 25.1040

# Conversions

## Conversions Part 2

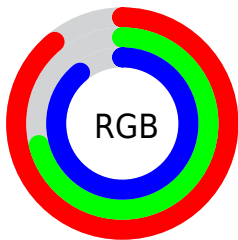
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 180, 228
Decimal	14988516
CIE Lab	78.89, 25.39, -17.38
CIE LCh	79, 30.772, 325.613
Yxy	54.7379, 0.3152, 0.2768
Android (android.graphics.Color)	4293178596 (0xFFE4B4E4)
YUV	199.8240, 13.8908, 24.7104
Hunter-Lab	73.9851, 20.9104, -12.8681

# Details

The Yxy color **54.7379, 0.3152, 0.2768** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.5118, 0.3099, 0.3874**, and the grayscale version is **57.5553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **26.9665, 0.3147, 0.2640** is the 20% darker color. If you saturate the color by 10%, you get **46.2776, 0.3164, 0.2520**, and if you desaturate by 10%, it is **64.7177, 0.3140, 0.3018**.

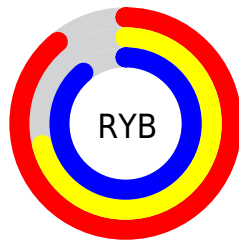
# Distribution



Red (89%)

Green (71%)

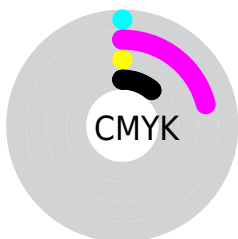
Blue (89%)



Red (89%)

Yellow (71%)

Blue (89%)

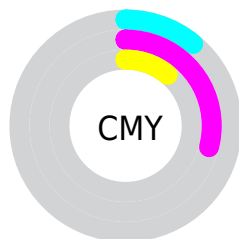


Cyan (0%)

Magenta (21%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (29%)


Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7379, 0.3152, 0.2768 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 54.7379, 0.3152, 0.2768 by changing the saturation by 10% instead.





 54.7379, 0.3152,  
0.2768

 54.7379, 0.3152,  
0.2768


404.9176, 0.3144,  
0.3011

 39.1919, 0.3153,  
0.2712


 97.1568, 0.3150,  
0.2853

 26.9091, 0.3153,  
0.2643


124.7986, 0.3149,  
0.2885

 17.5049, 0.3153,  
0.2556


157.2410, 0.3148,  
0.2914

 10.5951, 0.3151,  
0.2441

194.8686, 0.3147,  
0.2938

 5.7953, 0.3145,  
0.2286

238.0656, 0.3147,  
0.2960

 2.7210, 0.3130,  
0.2062

287.2165, 0.3146,

 0.9879, 0.3090,

0.2979

0.1719

342.7057, 0.3145,  
0.2996

0.0000, 0.3166,  
0.0000

0.0000, 0.0000,  
0.0000

54.7379, 0.3152,  
0.2768

54.7379, 0.3152,  
0.2768

46.2776, 0.3164,  
0.2520

64.7177, 0.3140,  
0.3018

39.2557, 0.3175,  
0.2283


76.2787, 0.3128,  
0.3264


33.5942, 0.3186,  
0.2068


89.4881, 0.3117,  
0.3499

29.2051, 0.3194,  
0.1883

93.6283, 0.3114,  
0.3565

 25.9900, 0.3202,  
0.1735

 93.6295, 0.3114,  
0.3565

 23.8362, 0.3207,  
0.1631


 93.6306, 0.3114,  
0.3564

 22.6087, 0.3210,  
0.1569

 93.6317, 0.3114,  
0.3564

 22.0950, 0.3211,  
0.1543

 93.6328, 0.3114,  
0.3564

 93.6340, 0.3113,  
0.3564

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.7379, 0.2762, 0.2640



54.7379, 0.3152, 0.2768



54.7379, 0.3560, 0.3014

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.7379, 0.3152, 0.2768



54.7379, 0.3791, 0.3920



54.7379, 0.2447, 0.3178

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54.7379, 0.3152, 0.2768



68.5118, 0.3099, 0.3874

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.7379, 0.2692, 0.3578



54.7379, 0.3152, 0.2768



54.7379, 0.3465, 0.4025

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.7379, 0.3152, 0.2768



54.7379, 0.3940, 0.3659



54.7379, 0.3061, 0.3904



54.7379, 0.2375, 0.2847



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.7379, 0.3152, 0.2768



54.7379, 0.3777, 0.3222



54.7379, 0.3061, 0.3904



54.7379, 0.2511, 0.3310

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54.7403, 0.3152, 0.2768



90.6228, 0.3134, 0.3143



47.9421, 0.2774, 0.2706



19.1884, 0.3135, 0.3127



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.7403, 0.3152, 0.2768



65.8471, 0.3157, 0.2666



53.4989, 0.3345, 0.3021



14.6150, 0.3138, 0.3059



12.7523, 0.3211, 0.1543



0.9424, 0.3211, 0.1543



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



54.7403, 0.3152, 0.2768



65.8471, 0.3157, 0.2666



69.5759, 0.2954, 0.3576



14.6150, 0.3138, 0.3059



12.7523, 0.3211, 0.1543

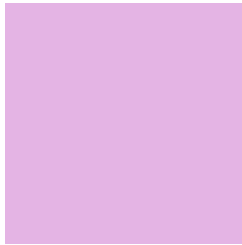


0.9424, 0.3211, 0.1543



# Previews

## White Background



This preview shows how the Yxy color 54.7379, 0.3152, 0.2768 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

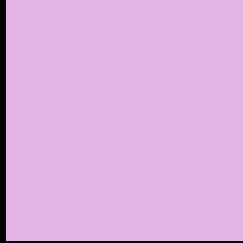
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.7379, 0.3152, 0.2768 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

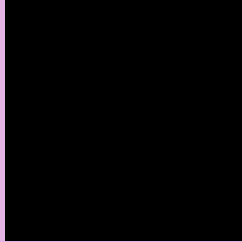
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 54.7379, 0.3152, 0.2768**

## Background



This preview shows how black text looks on a background with the Yxy color 54.7379, 0.3152, 0.2768.



This preview shows how white text looks on a background with the Yxy color 54.7379, 0.3152, 0.2768.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

54.7379, 0.3152, 0.2768

### Protanopia

55.1371, 0.2771, 0.2787

### Deuteranopia

55.0320, 0.2944, 0.2884



## Tritanopia

54.7153, 0.3337, 0.3120

# Trichromacy



## Original Color

54.7379, 0.3152, 0.2768



## Protanomaly

54.7532, 0.2896, 0.2775



## Deuteranomaly

54.7883, 0.3013, 0.2836



## Tritanomaly

54.5277, 0.3267, 0.2988

# Monochromacy



## Original Color

54.7379, 0.3152, 0.2768



## Achromatopsia

57.7580, 0.3127, 0.3290



## Achromatomaly

56.4947, 0.3136, 0.3093

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.7379, 0.3152, 0.2768 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(228, 180, 228)` looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(228, 180, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 228) }
```

## Border

The CSS property to change the border of an element to Yxy 54.7379, 0.3152, 0.2768 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 180, 228) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(228, 180, 228) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(228, 180, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 180, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 180, 228);  
box-shadow:4px 4px 4px 4px rgb(228, 180,  
228) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.7379, 0.3152, 0.2768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 180, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(228,  
180, 228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor